

HERBERT MORRIS INCORPORATED

Manufacturers of Hoists
BUFFALO, N. Y.

FOR CANADA: THE HERBERT MORRIS CRANE & HOIST CO., LTD., NIAGARA FALLS, ONT.

Products

CHAIN HOISTS; HAND CRANES; ELECTRIC HOISTS.

Also manufacturers of Ash Hoists, Car Pullers, Jib Cranes, Portable Cranes, Jacks, Monorail Systems, Slings, Trolleys, Elevating Trucks, Winches, and miscellaneous Lifting and Shifting Machinery.

Hand Hoists

Morris hand hoists are made in half a dozen different types, of which the Morris Triple-gear chain block only is illustrated on this page.

All Morris geared hand hoists are fitted with machine cut gearing and an automatic self-lubricated brake for sustaining the load.

The workmanship is such as to give the highest possible mechanical efficiency.

The capacities are measured in tons of 2240 lbs., and every hoist is tested, before shipment, with a load 50% more than the working capacity.

Morris hand hoists may be suspended from trolleys to run on overhead track or used in conjunction with Morris jib cranes or overhead traveling cranes of the single or double beam type.

Ask for crane catalogue for clearances, dimensions, weights and reactions.

Hand Cranes

Morris hand-operated cranes are built up of rolled steel shapes so far as possible, to reduce weight to a minimum while insuring an adequate factor of safety. Roller bearings are fitted to traveling wheels, thus reducing the effort required to move cranes by 75%.

Morris hand cranes are manufactured in quantities for stock, not built one at a time for individual requirements. This method results in sound construction at a moderate cost.

Every design has behind it a wealth of experience. Modifications to suit special conditions can be arranged without difficulty and without loss of time. A standard crane possesses many obvious advantages as compared with improvised constructions.

Electric Hoists

Morris electric rope hoists are simple, compact, efficient and portable. The number of parts has been reduced to a minimum. For example, the motor and hoist frames are in one piece. Their compactness is as noticeable in the close headroom as in the small width and length. Yet all parts are easily accessible for inspection, maintenance and dismounting. High efficiency is secured by the use of machine cut spur gearing, ample sheave diameters and reasonable, well lubricated bearings.

The motor, alternating or direct current, is completely enclosed. Designed for hoisting service with high starting torque.

Two brakes give double protection to the load—one applied by powerful springs and released by a magnet; the other of the centrifugal type and acting as a governor to prevent unsafe acceleration.

Every hoist is tested with a 50% overload before shipment as a final check on the whole series of inspections and tests during manufacture.

Morris electric rope hoists may be used at a fixed point or suspended from a trolley for use on an I-beam track, jib crane or overhead traveling crane.

We shall be pleased to supply catalogues giving dimensions, weights, speeds and prices of electric hoists, trolleys or cranes.

Other Products

We also manufacture a great variety of other lifting and transporting machinery, this being the line in which we have specialized exclusively for the last 40 years. We invite inquiries and shall be pleased to have an opportunity to consider any handling problem no matter how simple or how complicated it may be.

Catalogues

Separate bulletins, circulars and catalogues have been issued, dealing with Morris hoists, trolleys, cranes, trucks, monorails and other standard products, and copies await your request.



MORRIS TRIPLE-GEAR
CHAIN BLOCK



MORRIS ELECTRIC HOIST